



Appendix A

Clean Version of the Abstract

An improved light beam generation and focusing device (15, 50) has a light source (16, 51) constructed and arranged to emit at least one beam of light (20), and a lens assembly (17, 19, 56) constructed and arranged to focus the at least one beam of light on a surface plane. The device is constructed and arranged to sequentially direct the at least one beam of light to at least two spaced locations (21, 21') on the surface plane. The lens assembly comprises a collimating lens (17), and a spaced focusing lens (19). The collimating lens may have a micro-lens, and more preferably a cylindrical micro-lens mounted on the light source. In a first embodiment, the device is provided with a beam steering device (28) having a beam steering optical element (29), and a drive assembly (31) for actuating the beam steering optical element such that the at least one beam of light is directed to the at least two spaced locations on the surface plane.